



กรมสนับสนุนบริการสุขภาพ  
Department of Health Service Support

รายงานสรุปข้อมูลการให้บริการเทคโนโลยีช่วยการเจริญพันธุ์ทางการแพทย์ ประจำปี ๒๕๖๑  
(National Summary Report)

กองสถานพยาบาลและการประกอบโรคศิลปะ  
กรมสนับสนุนบริการสุขภาพ

ART CYCLE PROFILE

Type of ART and Procedural Factors	Initiate	Aspirate	Transfer		ART success rate/Transfer (%)	
			Fresh	Frozen	Fresh	Frozen
IVF	238	235	91	249	31.87%	38.15%
ICSI	17046	17937	3060	14887	20.56%	41.47%
GIFT	0	0	0		0.00%	
Donor Oocyte/ Recipient	286	278	321			
Total case	17570	18450	18608		20.88%	41.41%
ART SUCCESS RATES						
Type of Cycle	Age of Woman				Total	
	≤ 29	30-34	35-39	≥ 40		
<b>Fresh Embryo From Nondonor Eggs</b>						
Number of initiated Cycle	1624	4011	6545	5104	17284	
Number of aspiration Cycle	1877	4328	6831	5136	18172	
Number of transfer	208	658	1239	1046	3151	
Average number of embryos transferred	1.73	1.75	1.78	1.72	1.75	
Percentage of transfers resulting in singleton live birth (%)	16.35%	17.33%	14.45%	7.46%	12.85%	
Percentage of transfers resulting in live birth (%)	20.19%	23.25%	17.27%	7.84%	15.58%	
Percentage of transfers resulting in pregnancies (%)	31.25%	28.57%	21.47%	13.29%	20.88%	
<b>Frozen Embryo from Nondonor Eggs</b>						
Number of initiated Cycle	1575	3954	5683	3685	14897	
Number of aspiration Cycle	1336	3110	4065	2575	11086	
Number of transfer	1548	4117	5823	3648	15136	
Average number of embryos transferred	1.60	1.62	1.66	1.68	1.65	
Percentage of transfers resulting in singleton live birth (%)	34.75%	31.72%	26.43%	18.37%	26.78%	
Percentage of transfers resulting in live birth (%)	42.38%	37.31%	30.36%	20.01%	30.99%	
Percentage of transfers resulting in pregnancies (%)	55.23%	48.63%	41.08%	27.93%	41.41%	
<b>Number of Donor Egg/Recipient Cycles</b>						
<b>Donor Egg</b>						
Number of initiated Cycle	143	90	29	24	286	
Number of aspiration Cycle	145	85	23	25	278	
<b>Recipient</b>						
	Age of Woman				Total	
	≤ 29	30-39	40-49	≥ 50		
Number of transfer	9	73	221	18	321	
Average number of embryos transferred	2.00	1.60	1.73	1.83	1.71	
Percentage of transfers resulting in singleton live birth (%)	44.44%	27.40%	23.53%	16.67%	24.61%	
Percentage of transfers resulting in live birth (%)	55.56%	35.62%	28.05%	22.22%	30.22%	
Percentage of transfers resulting in pregnancies (%)	55.56%	50.68%	40.72%	38.89%	43.30%	



กรมสนับสนุนบริการสุขภาพ  
Department of Health Service Support

รายงานสรุปข้อมูลการให้บริการเทคโนโลยีช่วยการเจริญพันธุ์ทางการแพทย์ ประจำปี ๒๕๖๑  
(National Summary Report)

กองสถานพยาบาลและการประกอบโรคศิลปะ  
กรมสนับสนุนบริการสุขภาพ

Indications for Aspiration Cycles, Excluding FET and Oocyte Donation	IVF	ICSI	GIFT	Oocyte donor
Tubal, only	45	929	0	
Endometriosis, only	24	1200	0	
Ovulation disorder, only	20	2288	0	
Other female factor, only	18	2404	0	
Male factor only	10	2373	0	
Multifactor (Both male and female)	11	631	0	
Infertility of unknown origin	124	3981	0	
Pre-implantation genetic diagnosis	0	1929	0	
Other factors	6	848	0	
<b>Complications</b>				
OHSS	0	53	0	2
Complications of oocyte retrieval total	1	38	0	0
Bleeding	0	14	0	0
Infection	1	3	0	0
Maternal death relate to ART	0	0	0	0
Other	0	28	0	0
<b>Number of congenital abnormalities</b>				
<b>Gestational Age in Relation to Treatment and Pregnancies, at Birth &lt; 37 week (%)</b>	<b>Singleton</b>	<b>Twins</b>	<b>Triplets</b>	<b>Quadruplet or higher</b>
Standard IVF	8.33 %	0.00 %	0 %	0 %
ICSI	23.47 %	56.06 %	100.00 %	0 %
Frozen embryo transfer after IVF	0 %	0 %	0 %	0 %
Frozen embryo transfer after ICSI	16.63 %	46.44 %	76.47 %	0 %
Oocyte donation	19.12 %	50.00 %	100.00 %	0.00 %
GIFT	0 %	0 %	0 %	0 %
Total	17.36 %	47.74 %	82.61 %	0.00 %